

19990620.qrp v01_n494.qrl.990620

Date: Sun, 20 Jun 1999 19:03:16 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1494

QRP-L Digest 1494

Topics covered in this issue include:

- 1) [43133] 10 Mtr AM Freqs
by Richard Arland <r_arland@hotmail.com>
- 2) [43134] Military Radio Collectors
by Richard Arland <k7sz@epix.net>
- 3) [43135] Re: 10 Mtr AM Freqs
by Richard Arland <r_arland@hotmail.com>
- 4) [43136] DSW40 progress report - oops
by James R Giammanco <n5ib@juno.com>
- 5) [43137] Re: Harbor Freight Punch # (and more goodies...)
by "Ron Smith" <resmith666@uswest.net>
- 6) [43138] Contests & limited nostalgia gibbering
by Nils R Young <nilsbull@juno.com>
- 7) [43139] Re: Testing Coax Cables
by "George T. Baker" <w5yr@swbell.net>
- 8) [43140] I'm getting SPAMMED! Anyone else?
by "W. K. Hibbert" <wb2vuo@juno.com>
- 9) [43141] Re: 15-12-10M tribander CB conversion
by Todd McCoy <kb4dpf@qsl.net>
- 10) [43142] WTCPC Tips?
by mjfitz@uswest.net
- 11) [43143] July QST Article
by Tim Ahrens <tahrens@hilconet.com>
- 12) [43144] Re: WTCPC Tips?
by "Radman" <radman@best.com>
- 13) [43145] Weller WTCPT sale to end !!
by "Radman" <radman@best.com>
- 14) [43146] 5D cable?
by "JUAN DAVID ZULOAGA" <hk4bmg@epm.net.co>
- 15) [43147] Happy Father's Day
by Bill B Lazure <n2tpa@juno.com>
- 16) [43148] Re: Weller WTCPT sale to end !!
by "Jim Stafford, W4Q0" <w4qo@amsat.org>
- 17) [43149] QRP and Gardening? Wait 'til you read this!
by KB90CE@aol.com
- 18) [43150] Re: Happy Father's Day
by "Ian C. Purdie" <purdic@integritynet.com.au>
- 19) [43151] TEK-7704A

- by Norm Melick <henmel@worldnet.att.net>
- 20) [43152] Unsubscribe
by Mercxx@aol.com
- 21) [43153] 10 meter rigs
by "Harry Hurst" <hhurst@delaware.infi.net>
- 22) [43154] Re: 10 meter rigs
by n6jpa@qsl.net (Keith)
- 23) [43155] Thanks
by Mercxx@aol.com
- 24) [43156] Re: QRP and Gardening? Wait 'til you read this!
by David Hinerman <wd8civ@worldnet.att.net>
- 25) [43157] baggybob SMD parts
by Terres Family <terresfm@ncia.net>
- 26) [43158] SPAM source found
by "W. K. Hibbert" <wb2vuo@juno.com>
- 27) [43159] Coax cable testing
by "Rich Dailey, KA8OKH" <ka8okh@som-uky.campuscw.net>
- 28) [43160] Books to read
by "Rich Dailey, KA8OKH" <ka8okh@som-uky.campuscw.net>
- 29) [43161] Portable ops
by Jay Freeman <jayFreem@direcpc.com>
- 30) [43162] Books to read
by "Rich Dailey, KA8OKH" <ka8okh@som-uky.campuscw.net>
- 31) [43163] Harbor Freight
by Elliott Lawrence <edl@pacbell.net>
- 32) [43164] More antenna tuner observationalisms
by Nils R Young <nilsbull@juno.com>
- 33) [43165] Best qrp dx ever
by Bob Cooley <ad4mz@hotmail.com>
- 34) [43166] Re: QRP and Gardening? Wait 'til you read this!
by david fouchey <dafouchey@home.com>
- 35) [43167] Re: Best qrp dx ever
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 36) [43168] BARK Field Day
by "W. K. Hibbert" <wb2vuo@juno.com>
- 37) [43169] Dan's e-mail address?
by K2UD@aol.com
- 38) [43170] Re: 10 meter rigs
by "M. Monninger" <markem@primenet.com>
- 39) [43171] 6th ORIGINAL-QRP-CONTEST (invitation)
by Michael <mike_mhe@compuserve.com>
- 40) [43172] HyGain DX-77
by "Ed Tanton" <n4xy@att.net>
- 41) [43173] 30=>10 transverter
by "Steven Weber" <kd1jv@moose.ncia.net>
- 42) [43174] Field Day Listings (Last) Update
by "Bill Todd" <bill@willapabay.org>
- 43) [43175] Re: HyGain DX-77

by James Skalski <jskalski@localnet.com>
44) [43176] Online QRP Field Day registration/listings
by "Jim Stafford, W4Q0" <w4qo@amsat.org>
45) [43177] Re: HyGain DX-77
by Ron Stark <ku7y@dri.edu>
46) [43178] RE: Happy Father's Day
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
47) [43179] RE: (fwd) Heathkit qrp HW-7 Microphonic problem
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>

Date: Sat, 19 Jun 1999 23:23:31 GMT
From: Richard Arland <r_arland@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [43133] 10 Mtr AM Freqs
Message-ID: <19990619232332.99555.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I have just become the proud owner of a bunch of CB sets (circa 1977-80), many of them will convert over to 10 meters by simply changing one xtal.

Does anyone know what freqs the 10 meter AM guys are using at present? It stays in my mind that there was a calling freq around 28.8 Mhz but I can't remember for sure.

Is there such a thing as a 10 meter AM bandplan (I know that Uncle Wayne Greed tried this about 10-12 years ago with his series in 73 mag on converting CB sets to 10 meters).

73 Rich K7SZ

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Date: Sat, 19 Jun 1999 19:45:16 -0400
From: Richard Arland <k7sz@epix.net>
To: qrp-l@lehigh.edu
Subject: [43134] Military Radio Collectors
Message-ID: <376C2B8C.8E16EE28@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Does anyone know the e-mail address of Dennis Stark,
the "military radio guy"? I have located some TTY
gear he may be interested in and would like to e-mail
him.

73 Rich K7SZ

Date: Sun, 20 Jun 1999 00:01:02 GMT
From: Richard Arland <r_arland@hotmail.com>
To: w4dec@dibbs.net
Cc: qrp-1@lehigh.edu
Subject: [43135] Re: 10 Mtr AM Freqs
Message-ID: <19990620000102.31618.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Many thanks for the info, to all who responded.
73 Rich K7SZ

>From: "Lawrence T. Owens" <w4dec@dibbs.net>

>Hello Rich,
>

> The 10 meter AM calling frequency is 29.000 and the section most used
>is from 29000 to 29100. Lots of nice guys with vintage gear hang out
>there, even some DX when the band is good and they are willing to have a
>QSO with you and not just a signals report and goodbye as is the custom
>on SSB and some of the CW dx operators. Have found though that the QRP
>DX gang are mostly willing to have a chat on the other modes.

> I don't have aa AM rig but go up and use my icom 735 in AM mode and
>have worked several guys using converted CB set but not what kind they
>were using.

> 73 and good luck on AM

>
> Larry (W4DEC)
>

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Date: Sat, 19 Jun 1999 19:12:01 CDT

From: James R Giammanco <n5ib@juno.com>
To: qrp-1@Lehigh.edu
Subject: [43136] DSW40 progress report - oops
Message-ID: <19990619.191203.7511.1.N5IB@juno.com>

spoke too soon... the Great Homebrewer in the Sky will get me for that...

still just have the receiver part built, but have lost the 11 MHz oscillator signal. Every once in a while it pops back, (can't correlate to anything yet) but if I cycle power it's gone. When the 11 MHz osc is there the whole receiver chain works fb.

good 32 MHz osc at the DSS and good 4 MHz osc on the PIC - but, the B and D inputs to the DSS are at 0 V, should be 4 V - in fact pins 12, 13, 7, 6, 11, and 10 of the PIC are all at 0 V, should be 4 V - its like the PIC didn't power-on-reset correctly - good 4 V supply to DSS and PIC - proper DC resistance to gnd from top of R18 - usual inspection for joints/bridges, wrong components turns up nothing obvious, but will, of course, repeat that after a break.

any DSW builders run into similar ??

...NEWS FLASH...This jsust in from the N5IB workbench decided to look for 11 MHz right on DSS - found a needle tip for 10x scope probe - nothing, just a slight DC level - Omigosh! the probe slipped and momentarily shorted DSS pin 14 (the 11MHz out) to DSS pin 15 (connected to +4 V), Oh Nooooo, have I killed it??? no..., 11 MHz osc appears on pin 14 and at R18 as if by magic - cycled power, it's gone -- decided, what the hey, lets "accidentally slip" again - sure enough back comes the 11 MHz - and the voltages on the PIC are now correct - they keyer control switch bit even works, 'cause I can hear the side tone and the keyer control characters afer touching that pin with the scope probe - cycle power and gone again - repeat "accident" and all is copacetic.....

so if I was confused before, I'm baffled now, but at least I know how to kick start the DSS..... but I don't think this is the elegant way !! Looks like the Homebrew Monster has reared his ugly head(s) and challenged me - mano a mano - too much manly pride to go running to Dave just yet - hi

72
Jim N5IB

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Date: Sat, 19 Jun 1999 19:33:23 -0600
From: "Ron Smith" <resmith666@uswest.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [43137] Re: Harbor Freight Punch # (and more goodies...)
Message-ID: <073601bebabc\$f9e4ec20\$0400a8c0@ron1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

> The SKU# is 37405 for the Harbor Freight 2,000 lb
> force punch as shown on the web page for the elm300
> page.

Thanks for the lead Chuck.

Hit Harbor Freight today and picked up that little jewel marked \$19.95 for \$15.95. While I was there, picked up a roll of electricians tape marked \$1.99 for \$0.49 and three tubes of Super Glue marked \$1.99 for \$0.99. Now I just need to hit Radio Shack next week and I can get started on my 2N2/40. :-)

72

Ron - KD7VD

Date: Sat, 19 Jun 1999 18:53:25 -0400
From: Nils R Young <nilsbull@juno.com>
To: QRP-L@lehigh.edu
Subject: [43138] Contests & limited nostalgia gibbering
Message-ID: <19990619.185329.20302.0.nilsbull@juno.com>

Gang,

First, off work for two weeks shows, don't it. This must be the seventh or eighth post to the list since Tuesday two weeks ago's dance in the surgical theatre. Oh well, it gives me something to do.

And I ain't finished reading Conquest's book on Stalin yet, either. But it's hard reading. Something about the way he writes. And the subject ain't exactly something that lifts the spirits, see? 'Special when it reminds me too much of that book about how to become a belligerant

manager type . . . of which there are enough as it is.

Anyway, the contests . . .

I found the All Asia contest rules & c page. It figures that the exchange has to have your age in it. (YLS can send 00.)

Then I came across the US mirror of the Krenkel Central Radio Club, what used to be Box 88, Moskva. May still be for all I know. They had a bunch of stuff about their programs & c. And the rules of the "CQ-M" contest.

CQ-Mir. I used to get on that one every year, good antenna or bad. There was something about it that appealed to me, another hippie KGB dupe for peace. Had a lot of fun. Worked a lot of different Soviet oblasts & regions & callsigns. Even Kyghizia/Kyghyzstan a couple times. Turkic language they speak there. Very interesting.

If you wanna know, it's at http://www.rossia.net/main_e.htm
For them what reads Russian & has the character set on their machines, there's a page по пycckyy.

Another fun contest was the PACC, which I found the rules for on the web. I got fifth place single op multi band on that one year. They even sent me a diplom. I have it hanging on the wall with the other papers.

The PACC/VERON page is at <http://www.veron.nl/veron/awards.htm>
I didn't notice if they had a page op nederlandse. (And ask me sometime about the Dutch ham who asked me if I spoke German. It's pretty funny, actually.)

Then the SAC/Scandinavian Activity Contest is another one I used to play in. When I had big hootie power & a fancy antenna & underground utilities. I never sent in a log but I did work a lot of Scandinavian countries. Running phone was cool 'cause I could show off what little I can of svenskanorskdanisk. I call it that 'cause I get the pronunciation wrong every time. Hej-hej! That's at <http://www.sk3bg.se/sac96/nscrules.htm>

And the last of the backwater (from this side of the geopolitical realpolitik pond) contests that I used to run was the YO contest. Something about an almost forgotten romance language country surrounded by Turks & various bickering Slavic tribes with a few Greeks & Albanians thrown in for fun always catches me. And this was back when Rumania was not so notoriously beaten up.

Oh sure, I knew & you knew & we all knew that Ceaucescu was a rabid murderous waste of human skin, but we at least lived the lie that there was a semblance of relative comfort & c there. No starving babies in

orphanages. No starving grandmothers in unheated apartments crawling with Organs of State Securitate. No, Rumania then was a nice place to vacation, as long as you kept your papers on you and didn't take too many pictures.

Well, maybe to you. I figured otherwise. So when I heard a bunch of YO callsigns chirping away, I always responded & got involved in that contest. There used to be an award for working so many YO call districts. I almost made the lowest level back then. Six I think I needed.

Macar ca a suferit mult, nu si-a pierdut nadaajdea :: Even in torment, he did not despair.

Sounds like Italian. Really. Check it out. The YO contest rules are at <http://qsl.net/yo3kaa/contests/dxhfir.htm>

Anyway, I guess I'm a little late on the toaster for the All Asia contest. Besides, most of what I heard last night was unapproachable. Weak signals focusing mainly in the relative near places. And the big hootie power guys getting points without even trying hard. They could have a computer hosed up to their radios & run up contest scores while the blender made the next batch of margaritas.

Unde nu-i cap, vai de picioare.

73

Nils

. . . ain't you possum heads gonna be glad when I go back to work?

Nils R. Bull Young :: La Estancia de los Guajolotes Sonrientes
WB8IJN &c :: The Tagalong Press :: email to nilsbull@juno.com
"In my day we had to FIGHT to have email! Every day was a struggle!"
-- Comrade Sergei Nikolaievich

McTovarishov

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Date: Sat, 19 Jun 1999 20:37:26 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: acomas@panix.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [43139] Re: Testing Coax Cables
Message-ID: <376C45D6.6B8F7887@swbell.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

If you have a wattmeter, you can measure the power at the "sending" end of a cable with a dummy load at the other end. Then move the wattmeter to the dummy load and see how much of the input power actually gets there. The difference is the power being dissipated in the cable. You will have to decide how the measured loss compares with the manufacturer's specs to decide whether or not to replace the cable.

72/73, George AMA 98452 R/C since 1964

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE ARS 10-X 33.2 N 96.6 W EM13RE

Andrew Comas wrote:

is there anything else to try to ensure the cables are in good
> working order?
>
> Tnx & GL in the contest.....
>
> Andrew - N2ZT

Date: Sat, 19 Jun 1999 22:10:16 -0400
From: "W. K. Hibbert" <wb2vuo@juno.com>
To: qrp-l@lehigh.edu
Subject: [43140] I'm getting SPAMMED! Anyone else?
Message-ID: <19990619.221238.-190583.3.wb2vuo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

And not just ANY SPAM, but high-quality right-wing Christian SPAM! From Jerry Falwell (God's right-hand man, so I understand...)

Is anyone else getting multiple postings from info@falwell.com? I am trying to figure where they ever got my Juno address. I have forwarded them to Juno for action already.

If you are seeing this junk, drop me a line off-list to bbams@juno.com so

we don't tie things up here.

72/73, Keith, WB2VU0

"I am a Militant Agnostic. I don't know, and neither do You!"

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sat, 19 Jun 1999 22:23:27 -0400
From: Todd McCoy <kb4dpf@qsl.net>
To: kd1jv@moose.ncia.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [43141] Re: 15-12-10M tribander CB conversion
Message-ID: <376C509E.D7D368F2@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Steven Weber wrote:

> Howdy,
>
> Last night I was looking over the design of the Uniden PC122 again.
> It really is a study of simple qrp radio design. It looks like it
> wouldn't be all that hard to come up with a conversion board to make
> the rig cover 15, 12 and 10 meters plus add CW capability.

>
> I bet there'd be a bunch of you interested in that kind of
> conversion, especially since there really aren't any qrp SSB/CW kits
> that cover those bands at the moment. Guess I'll have to go to work
> on it :-) Should I poke at it over the summer or get right on it?

I certainly would be interested, if that is the heart of the Cobra and Uniden SSB/AM CB rigs I have. (1 148gtl and a Grant) Would love to convert them to high HF band use! Keep me posted.

--

Todd McCoy: QRP-L #1823 | 10-X 70500
KB4DPF - Gloucester Co., Virginia
37.2942 N, 76.4158 W | Grid: FM17
<http://www.qsl.net/kb4dpf>

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Date: Sat, 19 Jun 1999 22:10:46 -0500
From: mjfitz@uswest.net
To: qrp-l posts <qrp-l@Lehigh.EDU>
Subject: [43142] WTCPC Tips?
Message-ID: <376C5BB6.FC19EE54@pop.omah.uswest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Yo!

Just ordered a Weller WTCPC...where do I get the tips on the cheap?
I know someone has mentioned it on the list before. Wassco wants \$5.50
or so...

Fess up! (and thanks!)
Mike KI0AF

Date: Sat, 19 Jun 1999 22:11:34 +0000
From: Tim Ahrens <tahrens@hilconet.com>
To: qrp-l@lehigh.edu
Subject: [43143] July QST Article
Message-ID: <376C1596.6F2F291B@hilconet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Folks - just wanted to pass along some info.

I just read K3PFs article in QST about modifying an FM broadcast
beam to 2 meters for \$20.

IT WORKS!!

Actually, I moved it up to the commercial band, and it works
great.

OBQRP.. it works with VHF handie talkie (qrp)! ;-)

Figured lots of us have 2 meter radios, and as Rev George says..
something about using less (in this case, \$)!

cuall

Tim W5FN

Date: Sat, 19 Jun 1999 21:05:24 -0700
From: "Radman" <radman@best.com>
To: <mjfitz@uswest.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [43144] Re: WTCPC Tips?
Message-ID: <199906200403.VAA24800@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Mike et al,

Check out the following URLs for solder stations & tips:

The Weller WTCPT is on sale at Wassco for \$79.95.
URL: <http://www.wassco.com/was/wtconoutstat.html>
or call: 1-619-679-8787

WTCPT tips are on sale at: Tool Town for \$2.07 ea.
(excellent assortment of 700 & 800 degree tips)
URL: <http://www.tooltown.com/ptdeal.htm>
or call: 1-425-485-8055, Fax: 1-425-485-7819

standard disclaimers, etc :-)

Happy Soldering,

GL - 72 - Conrad Weiss - NN6CW

Yo!

Just ordered a Weller WTCPC...where do I get the tips
on the cheap?

I know someone has mentioned it on the list before.
Wassco wants \$5.50
or so...

Fess up!

(and thanks!)

Mike

KI0AF

Date: Sat, 19 Jun 1999 21:13:10 -0700
From: "Radman" <radman@best.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [43145] Weller WTCPT sale to end !!
Message-ID: <199906200411.VAA09934@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

Reminder..... >>

Wasco's \$79.95 sale price on the WTCPT solder station will
end on June 30th per their web site!!

URL: The Weller WTCPT is on sale at Wassco for \$79.95.
URL: <http://www.wassco.com/was/wtconoutstat.html>
or call: 1-619-679-8787

WTCPT tips are still on sale at Tool Town:

WTCPT tips are on sale at: Tool Town for \$2.07 ea.
(excellent assortment of 700 & 800 degree tips)
URL: <http://www.tooltown.com/ptdeal.htm>
or call: 1-425-485-8055, Fax: 1-425-485-7819

standard disclaimers, etc :-)

Happy Soldering,

GL - 72 - Conrad Weiss - NN6CW

Date: Sat, 19 Jun 1999 23:51:44 -0500
From: "JUAN DAVID ZULOAGA" <hk4bmg@epm.net.co>
To: <qrp-1@Lehigh.EDU>
Subject: [43146] 5D cable?
Message-ID: <000f01bebad8\$bed847a0\$f40672ce@hk4bmg>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi gang,
could anybody inform me about the meaning or equivalent name to these
hardware?

- 1) 5D, SBF cable
- 2) M type conector

Thanks in advance!

Juan Zuloaga
HK4BMG

Date: Sun, 20 Jun 1999 01:08:46 -0400
From: Bill B Lazure <n2tpa@juno.com>
To: qrp-1@lehigh.edu
Subject: [43147] Happy Father's Day
Message-ID: <19990620.010854.7078.14.N2TPA@juno.com>

To those of the group for who this applies,

Have a safe and enjoyable Father's Day.

Take it easy, get on the air!

73,

Bill
W2EB

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Date: Sun, 20 Jun 1999 01:45:01 -0400
From: "Jim Stafford, W4Q0" <w4qo@amsat.org>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [43148] Re: Weller WTCPT sale to end !!
Message-ID: <376C7FDC.9AC20455@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have skirted around buying a good iron for years. Saw some used ones at HamCom and thought about it long and hard. Is the \$79.95 a good price for this station? Or are there other better price/performance deals around?

--
Jim Stafford, W4Q0 770-993-9500 VP - QRPARCI #6515
11395 West Road 770-993-8932 fax Mgr - W4WOW SciTrek
Roswell, GA 30075 w4qo@amsat.org Dir- RadioActive Schools
DBA/Stafford Enterprises/By Jimeny SCF
<http://www.america.net/~w4qo>

Date: Sun, 20 Jun 1999 01:57:43 EDT
From: KB9OCE@aol.com
To: qrp-l@lehigh.edu
Cc: W9NNK@niiia.net (Dave Caywood), kb9olz@megsinet.net (Gary), kb9rvw@netnitco.net (Jim W.), breid@adsnet.com (KA9ONS BILL), w9dn@netnitco.net (W9DN DAVE), wa9tsq@hotmail.com (BERNIE), PWMidi@juno.com, dlcqrp@niiia.net, wlp@niiia.net, KB9OCE@aol.com
Subject: [43149] QRP and Gardening? Wait 'til you read this!
Message-ID: <120408f4.249ddcd7@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

My wife has a little spruce tree and it was dying. Most of it was dead. I happened to remember reading about some studies a few years back that the University of Massachussetts did with plants and SOLAR PANELS and decided to try it.

I trimmed back the dead parts of the tree and waited a few days to make sure that just that act didn't cause improvement. Several days went by and the little tree was looking worse. I took one of the not-so-cheap Radio Shack solar cells and soldered stiff wire leads to it, then pushed them into the soil near the tree's trunk with the solar cell being horizontal to make the most use of any sun. I then watered the tree.

A week has gone by now and the tree not only looks better but has many new shoots on it! Instead of being limp and droopy...it stands strong and tall.

A number of years ago I did something similar with two plants...both identical from the same seed stock. Same type of container. I even weighed the soil to make sure one didn't have more than the other. They were side by side in the same window (north exposure). They got precisely the same amount of water and fertilizer. The one with the solar cell grew at twice the rate of the other one. Whats all this prove...don't talk to your plants...stick it to them! ...with a solar cell that is...and save your voice for qso's!

73
Mike

Date: Sun, 20 Jun 1999 17:14:00 +1000
From: "Ian C. Purdie" <purdic@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [43150] Re: Happy Father's Day
Message-ID: <376C94B7.EE64F717@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Bill B Lazure wrote:

> To those of the group for who this applies,
>
> Have a safe and enjoyable Father's Day.
>
> Take it easy, get on the air!
>

Does not apply here in Australia and day is almost over anyway but best wishes to all from Oz.

Enjoy yourselves

Ian

Date: Sun, 20 Jun 1999 00:21:47 -0700
From: Norm Melick <henmel@worldnet.att.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [43151] TEK-7704A
Message-ID: <376C968B.1F1AFF78@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I received a call from a friend of mine offering to sell me a TEK-7704A.

He says it has a 200Mhz bandwidth, and from what I can decipher, is set up as a dual trace scope with some sort of horizontal amplifier installed, which would leave 1 bay open. He has good copies of the scope manual and the 3 modules that are installed. No probes, but I have a good source for the probe/s at a reasonable price. I have seen the scope, and it is exceptionally clean inside and out.

Since I have been using my Heathkit 10Mhz scope for the last 2 years, have zero experience with TEK equipment, I am curious what other people have to say about this particular model, good, bad or indifferent.

He's asking \$200.00

Thanks much,

Norm/KQ6Sd

Date: Sun, 20 Jun 1999 07:14:43 EDT
From: Mercxx@aol.com
To: qrp-1@lehigh.edu
Subject: [43152] Unsubscribe
Message-ID: <ad6dd5be.249e2723@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi all,

I am going in for surgery and need to suspend my mail can someone help me out with the commands.

73

Steve

N4TKP

QRP L #1763

Date: Sun, 20 Jun 1999 07:33:28 -0400
From: "Harry Hurst" <hhurst@delaware.infi.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [43153] 10 meter rigs
Message-ID: <000601bebb10\$b8273280\$020b010a@upstairs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

While listening to an almost dead 40 meter band this morning, I thought about 10 meter rig kits, that is, the lack of them. Ten Tec has an apparently successful 20-to-6 meter transverter, and the 2N2 has a companion 6 meter transverter, so why not a 28 mhz transverter?? How about 30-to-10 meters? Is anyone here on 10 meters using a 80 - 20 QRP rig and a transverter?

This might be an interesting way to 15-10 meters, since the usual QRP designs aren't all that great above 20.

???

Hap, WA3PTG, friend of Mick, Australian Cattle Dog.

Date: Sun, 20 Jun 1999 12:31:02 GMT
From: n6jpa@qsl.net (Keith)
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [43154] Re: 10 meter rigs
Message-ID: <3776dee9.7650291@192.108.254.43>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

On Sun, 20 Jun 1999 07:33:28 -0400, you wrote:

> While listening to an almost dead 40 meter band this morning, I thought
> about 10 meter rig kits, that is, the lack of them. Ten Tec has an
> apparently successful 20-to-6 meter transverter, and the 2N2 has a =
companion
> 6 meter transverter, so why not a 28 mhz transverter?? How about =
30-to-10
> meters? Is anyone here on 10 meters using a 80 - 20 QRP rig and a
> transverter?
>
> This might be an interesting way to 15-10 meters, since the usual QRP
> designs aren't all that great above 20.
>

The easiest way to QRP on 10 meters is obtain a ssb/am radio for CB
and modify it. There is a radio by Midland model 79290 that covers CB or =
10
meters by pushing a couple of buttons on the front panel for \$144. Years =
ago I
used a cb on LSB for CW work with a few mods. There is a gentleman in =
South
Africa that gives tips for modifying a CB to 6 meters also.=20

JCRE sells the Midland Radio look under CB's

<http://jcre.com/index.html>

Sorry don't have the URL for the fellow in SA.

--=20

Best Regards,

Keith

<http://www.teleport.com/~kew> www.teleport.com/~kew/ham_swl_radio/

Date: Sun, 20 Jun 1999 08:35:00 EDT
From: Mercxx@aol.com
To: qrp-l@lehigh.edu
Subject: [43155] Thanks
Message-ID: <e90c6bf1.249e39f4@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks to all who responded to my question. Hope to be back on the list soon.

73
Steve
N4TKP

Date: Sun, 20 Jun 1999 09:04:54 -0400
From: David Hinerman <wd8civ@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [43156] Re: QRP and Gardening? Wait 'til you read this!
Message-ID: <3.0.6.32.19990620090454.0079a130@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 01:57 AM 6/20/99 EDT, you wrote:

>A number of years ago I did something similar with two plants...both
>identical from the same seed stock. Same type of container. I even weighed
>the soil to make sure one didn't have more than the other. They were side by
>side in the same window (north exposure). They got precisely the same amount
>of water and fertilizer. The one with the solar cell grew at twice the rate
>of the other one. Whats all this prove...don't talk to your plants...stick
>it
>to them! ...with a solar cell that is...and save your voice for qso's!

Mike

I nominate your setup for the Dummy Load Nite "most unusual station"
certificate!

Dave, WD8CIV

Dave Hinerman - WD8CIV

Date: Sun, 20 Jun 1999 09:28:24 -0400
From: Terres Family <terresfm@ncia.net>
To: qrp-l list <qrp-l@Lehigh.EDU>
Subject: [43157] baggybob SMD parts
Message-ID: <376CEC78.7CCC8930@ncia.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi,

I sent an order but haven't seen any thing, so I emailed but no reply.
Has anyone gotten or heard from baggybob in the last month or so?

Thanks in advance
Jerry Terres AA10F
Franconia NH

Date: Sun, 20 Jun 1999 10:05:58 -0400
From: "W. K. Hibbert" <wb2vuo@juno.com>
To: qrp-l@lehigh.edu
Subject: [43158] SPAM source found
Message-ID: <19990620.100558.-157727.0.wb2vuo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I am glad to say that it's not from the QRP-L or any amateur radio list I subscribe to, but a religious education list that my wife & I are subscribed to (She's the Director of Religious Education at the Unitarian-Universalist church in East Aurora, NY, I only "teach" the pre-K's)

Now back to QRP! I'll see all of you from K2BRK next week!

72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp
My night light runs more power than my Rig!!!

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sun, 20 Jun 1999 14:39:08 -0400
From: "Rich Dailey, KA8OKH" <ka8okh@som-uky.campuscw.net>
To: qrp-1@lehigh.edu
Subject: [43159] Coax cable testing
Message-ID: <3.0.16.19990620143819.2faff784@som-uky.campuscw.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Someone asked about testing coax integrity before Field Day.
Sri I lost your post, so I'll spew this out to the list for general consumption.

There is a not-too-complicated method to measure the characteristic impedance of your coaxial cable, using a RX noise bridge. This is described in Jerry Sevick's "Transmission Line Transformer" book, Chap. 12. Actually, he uses a resistance bridge, signal source and detector, but the RX noise bridge method I'll describe here is a little easier, and you should have at least half of the test equipment already in your shack.

First, you'll need a RX noise bridge. A Palomar, MFJ, Heath, homebrew... they'll all work fine. You'll also need a 50ohm load to attach to the bridge. A 50ohm 1/4 w carbon in a pl-259 will work ok. Also required is a 250ohm, non-inductive variable load. Since you'll probably be testing a cable with ends on it, I suggest putting this in a pl-259 as well. Follow UHF soldering techniques to minimize stray capacitance or inductance.

Lastly, you'll need your receiver. Recommended working frequency can be anywhere from 10 to 20 Mhz. I use 30m when the band is "quiet".

To start, connect the 50ohm load to the "unknown" terminal of the bridge. Null the R and X knobs on the bridge for the least noise from the receiver. Remove the 50ohm load. This is the only time we'll adjust the X setting. *Do not change it*. The R dial should read 50 ohms.

Now attach your cable to the "unknown" terminal. Attach the 250 variable load to the other end of the cable. Now alternately adjust the R knob on the bridge, and the 250ohm variable load for the deepest null or least noise from the receiver. This null should be as deep as the one found with the 50ohm load.

After finding the null, you can read the cable impedance off of the noise bridge R dial, or measuring the value of the variable load with

an ohmeter. If the reading is not what you expected, or you were unable to deeply null the bridge, then "something" is narly with the cable.

This test will work with any length of cable, from 1' to whatever.

Why does this work? Because a cable that is terminated with a resistance equal to it's impedance looks like a pure resistance to the RX noise bridge. If it's terminated with any other value, it will appear reactive to the bridge.

Ok, so I blew out about 1/4 of my next RX noise bridge article in QQ, but I thought it might be timely help. Oh, and keep the 50ohm and 250ohm variable loads. You can use them for other noise bridge related things.

tu de Rich

Rich Dailey, KA8OKH <ka8okh@som-uky.campuscw.net>

"The deadly yellow snow from right there where the huskies go" - Zappa

Date: Sun, 20 Jun 1999 14:39:04 -0400

From: "Rich Dailey, KA8OKH" <ka8okh@som-uky.campuscw.net>

To: qrp-l@lehigh.edu

Subject: [43160] Books to read

Message-ID: <3.0.16.19990620132048.2fb7f39a@som-uky.campuscw.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

I'd like to pass along several titles that I picked up at Dayton this year. Got most of them from Paul Washa's place outside, but some came from radio bookstore. A couple came from forgotten boxes under tables in the flea area.

It's summer, so a few of these books will have to wait for me until the days get shorter, but I nonetheless highly recommend them to QRP'ers, or anyone who has an interest. You cannot have too many books to read - this has always been my mantra.

-Practical RF Design Manual, Doug DeMaw, W1FB. 246 pgs.

MFJ

-Ferromagnetic Core Design & Application Handbook, W1FB. 250 pgs.

MFJ

-Transmission Line Transformers, Jerry Sevick, W2FMI. 250(?) pgs.

Noble Publishing

-Antenna Impedance Matching, Wilfred Caron. 180(?) pgs.

ARRL

-LF Experimenter's Source Book, ed by Peter Dodd, G3LD0. 180(?) pgs.

RSGB

- The VHF/UHF DX Book, ed by Ian White, G3SEK. 350(?) pgs.

RSGB

-ON4UN's 3rd Edition Low Band DXing, John Devoldere. 586 pgs.

ARRL

And a couple dusty math books -

-Electronics Math, Alan Andrews, 1980. 320 pgs.

Howard Sams Publishing

-Mathematics Applied to Electronics, Harter/Beitzel, 1980. 630 pgs.

Prentice-Hall

The math/trig/geo books can usually be found for a dollar or two at the hamfests. They are mostly overlooked, but believe me, they are worth picking up. If you're like me, you *think* you still know everything you were taught in school. But every so often it's good to put your brain back into that regimented thinking mode that they *tried* to get you into back in high school. Now we're a lil older, and there are less (or different) distractions... maybe.

So at the next hamfest, make it a point to buy a book or two. And don't forget to check the boxes under the tables.

Good reading,

Rich

Rich Dailey, KA8OKH <ka8okh@som-uky.campuscw.net>

"The deadly yellow snow from right there where the huskies go" - Zappa

Date: Sun, 20 Jun 1999 09:45:14 -0500

From: Jay Freeman <jayFreem@direcpc.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [43161] Portable ops

Message-ID: <376CFE79.A4CF05D9@direcpc.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Gang,

I'm going to be in Chicagoland for some training through Wednesday. I'm going to try and operate my DSW-40 from my motel room. I don't even know yet if the windows open or not :). I'll probably hang out within a few kHz of 7.040 if anyone wants to listen for me. I'll be on tonight, Monday and Tuesday probably around 0000Z.

72/3,

Jay

--

* Jay Freeman - WT9S ARRL *
* G-QRP 10319 QRP-ARCI 9981 ARS 562 *
* SASS #18700 NRA Life *

Date: Sun, 20 Jun 1999 14:45:33 -0400
From: "Rich Dailey, KA8OKH" <ka8okh@som-uky.campuscw.net>
To: qrp-l@lehigh.edu
Subject: [43162] Books to read
Message-ID: <3.0.16.19990620144502.2faf355c@som-uky.campuscw.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I'd like to pass along several titles that I picked up at Dayton this year. Got most of them from Paul Washa's place outside, but some came from radio bookstore. A couple came from forgotten boxes under tables in the flea area.

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-Antenna Impedance Matching, Wilfred Caron. 180(?) pgs.
ARRL
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RSGB

- The VHF/UHF DX Book, ed by Ian White, G3SEK. 350(?) pgs.

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ARRL

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Howard Sams Publishing

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Prentice-Hall

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So at the next hamfest, make it a point to buy a book or two. And don't forget to check the boxes under the tables.

Good reading,

Rich

Date: Sun, 20 Jun 1999 07:40:35 -0700
From: Elliott Lawrence <edl@pacbell.net>
To: qrp-l@Lehigh.EDU
Subject: [43163] Harbor Freight
Message-ID: <376CFD63.35D3@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Whats the URL for Harbor Freight?

Tnx

Elliott WA6TLA

Date: Sun, 20 Jun 1999 08:20:27 -0400
From: Nils R Young <nilsbull@juno.com>
To: QRP-L@lehigh.edu
Subject: [43164] More antenna tuner observationalisms

Message-ID: <19990620.082031.22758.0.nilsbull@juno.com>

Gang,

One of the most worrisome things about all this experimenting with toroids & capacitors & antenna tuners is the same thing that Peter Zenker noted in a comment to the EleCraft K2 list:

There comes a time when the engineers must decide that they have done all they can & that it's time to turn the monster over to the marketing gerbils.

I keep messing with this toroid winding schema on this beast & keep coming up with new ideas & solutions to various problems. Like the instability on 15 & 10m for example. Here's what I've been through so far:

I wound the coil with (if memory serves all this distant from the original winding) 9 turns, tap, 5 turns, tap, 9 more turns. The output link was wound on the ground end of the coil, with that winding interwound over the primary. This worked great, but there was a definite side of the output coil that needed to be grounded to keep the output instability of the TR7 from kicking in. Never had that problem before with any radio I played.

So I take the output link and wind it over the open end of the toroid. This seems to have increased the inductance (yeah, I know: buy an L meter, dim bulb), so I had to reduce the turns on the primary from the outside in (the tapped points remained the same number of turns apart) until I ended up with six or something. The output link at this point did not show a preference for one side nearer ground than the other.

This, of course, blammoed the tuner on 80m, so much so that the highest I could tune was around 4.5 MHz. But, since I already planned on using a separate coil for 160-40m, I left the primary at that point as is, with the output link on the open end of the coil. But I wondered about loss with that schema . . .

So I left the primary as is, unwound the output link & rewound it over the space between the tap points, interwound between those five turns. That gave me 6 turns output link. At this point, I could almost tune 4 MHz and 10m would tune much more nicely (not the open most point on the split stator cap). And the output link did not show a preference for which side went to ground in the process. And on 10 & 15m I could tune open wire line (without grounding one side of the output link) without noticeable instability in the tx PA.

At which point I had just a taste of 75m that I could tune & the entire

range between 5 and 30 MHz tuneable with ease. Well, with ease once I get the 6:1 vernier on the split stator cap.

This doesn't change the physical configuration of things in the box, which makes me happy, since it's already about half-built in my mind, the front & back panel layouts already penciled in &c.

What's amusing to me now is how much of this stuff (the L to C ratio & tuning bandwidth) I learned many years ago playing around with various circuits in any of the many books about crystal sets that Elmer Osterhoudt sold from his Modern Radio Labs digs in California. It's interesting that interwinding coils over a coil changes the inductance that much. And that one end of the interwound link, depending on its geographic place relative to the hot or cold end of the primary, will show different "preferences" for grounding, which affects bandwidth of tuning & other complicated exponential functions of math that are kilos of light years away from my puny math abilities.

I'm almost tempted to put a 1N34 on the end of the tuner what goes to the radio & see what I can hear through a pair of high-Z headphones. Of course, if I did that, I'd get side-tracked building a SWL crystal set that would lead directly to an AF amp that would play into a speaker so I could hear Radio Habana Cuba with 20-odd kHz of received signal bandwidth on a radio that, with the exception of the AF amp, basically works for free.

Hmmm . . . I wonder if I can afford that distraction, this being father's day & the pain having subsided considerably since two Tuesdays ago. But then I'd never get the bench cleared off for the K2 to arrive (which I understand from the web notes & email should be fairly eminent), which would mean further screwing around with other junk that I'd have to move to get this done, pending the arrival of the cores that I ordered yesterday or Friday (can't remember which), which will go into the antenna tuner that goes with the Sierra travel radio box before we head out to the beach, which means that I'd be getting that extra bottle of Absolut a little later than planned, unless I do that earlier, which would mean that the bottle would be about half-empty (note the cynic's view of fullness) when we take off, which would mean that I'd have less to drink, but more time to play with the radio, presuming that I finished antenna tuner project in time to depart, owing to the interruption of progress in that because of the possible eminent arrival of the K2, which I really shouldn't start until we get back from vacation, where the vodka bottle, the travel radio box & its antenna tuner will interpolate with standing in the surf (no body surfing allowed, at least not yet), which is another story.

And you thought only German philosophy books use long sentences.

Oh well, at least I have the basic design down good by now. . . . Hmmm .
. . will I have time to?

73

Nils

Nils R. Bull Young :: La Estancia de los Guajolotes Sonrientes
WB8IJN &c :: The Tagalong Press :: email to nilsbull@juno.com
"In my day we had to FIGHT to have email! Every day was a struggle!"
-- Comrade Sergei Nikolaievich

McTovarishov

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Date: Sun, 20 Jun 1999 15:31:55 GMT
From: Bob Cooley <ad4mz@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [43165] Best qrp dx ever
Message-ID: <19990620153156.97350.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

A week ago I took my Sierra with me to my boat instead of the Kenwood TS-50s and was amazed when I got a quick reply from JT1DA in Mongolia. What amazed me was the fact that the output was only 700mw and my antenna was the Hustler mobile antenna clamped to the stern rail without any special grounding. I know conditions were good but I actually broke through a pileup. I forgot to sign /mm so I know that didn't give me an advantage. The bottom line Amateur Radio is still exciting after 36 years of hamming. Just wanted to share with the group.

72

Bob

Get Free Email and Do More On The Web. Visit <http://www.msn.com>

Date: Sun, 20 Jun 1999 11:38:07 -0400
From: david fouchey <dafouchey@home.com>

To: wd8civ@worldnet.att.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [43166] Re: QRP and Gardening? Wait 'til you read this!
Message-ID: <376D0ADF.5D562B9E@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Only if he powers the rig from the Solar Cells or the plant!

Dave
WA4EMR

David Hinerman wrote:

>
> At 01:57 AM 6/20/99 EDT, you wrote:
> >A number of years ago I did something similar with two plants...both
> >identical from the same seed stock. Same type of container. I even weighed
> >the soil to make sure one didn't have more than the other. They were side by
> >side in the same window (north exposure). They got precisely the same amount
> >of water and fertilizer. The one with the solar cell grew at twice the rate
> >of the other one. Whats all this prove...don't talk to your plants...stick
> >it
> >to them! ...with a solar cell that is...and save your voice for qso's!
>
> Mike
>
> I nominate your setup for the Dummy Load Nite "most unusual station"
> certificate!
>
> Dave, WD8CIV
>
> -----
> Dave Hinerman - WD8CIV

Date: Sun, 20 Jun 1999 10:56:57 -0500
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: <ad4mz@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [43167] Re: Best qrp dx ever
Message-ID: <006f01bebb35\$8748ab60\$a437a497@aa5tb>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

There has been a lot of magic on 20m the last couple of months for 24 hours a day. I've made some amazing DX contacts too with QRP. I've worked Diego Garcia near my antipodal point twice in one week a couple of weeks ago just as an example of the distances involved. Congrats on Mongolia. That's great.

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://home.swbell.net/aa5tb>

Date: Sun, 20 Jun 1999 12:07:51 -0400
From: "W. K. Hibbert" <wb2vuo@juno.com>
To: qrp-1@lehigh.edu
Subject: [43168] BARK Field Day
Message-ID: <19990620.120752.-3194319.0.wb2vuo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The Brockport Amateur Radio Klub (BARK) will be operating Field Day from the same site as the last 4 years, on the grounds of the Bergen Rod & Gun Club in Bergen, NY.

We are planning to run 5A/battery (QRP, of course!), but may have to fall back to 4A. We are going to have a full VHF/UHF station this time around, thanks to KG2NI and his new FT-847. Most of the station will be running on surplus emergency batteries thanks to Andy, N2TUK (These are 6-volt 50 AH monsters! My lawn tractor battery is lighter!), and the Klub is going to be able to keep these batteries for future ops such as Skywarn (Thanks Andy!)

As we have done in the past, we have a Band Captain for each of the stations, and this year, our Novice/Tech Band Captain is Andrew, KC2BKT, the 9-year old son of our 20 Meter Band Captain, Duane, KF2JC.

I am the FD Chair this year (again), and Band Captain for 10 Meters, and maybe 15 Meters, too

Our operating site is about 2 miles North of Bergen, NY on the edge of the Great Bergen Swamp. If you are in the area, take Exit 47 from the NY Thruway (I-90) or Exit 2 and follow NY-19 north about 6 miles, The site

is on the left (west) side of NY 19, and we will have a sign out at the road to direct visitors in. If you are coming from the Rochester, NY area, exit at Exit 2 from I-490, and go west 1/2 mile to NY-19. Turn right, and follow it 4 miles north to the site.

Hope to work everyone on the air, and hope to see anyone in the area at FD'99!

72/73, Keith, WB2VU0, FD'99 Chairman (and VP) for the Brockport Amateur Radio Klub... K2BRK/5A WNY

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Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sun, 20 Jun 1999 12:52:11 EDT
From: K2UD@aol.com
To: qrp-1@lehigh.edu
Subject: [43169] Dan's e-mail address?
Message-ID: <d4d7283d.249e763b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Does anyone have an e-mail address for Dan's Small Parts? I have his web site, but would like to e-mail him directly.

TNX all, CU on FD from K2WNY.

72

Howard Kraus, K2UD

Date: Sun, 20 Jun 1999 10:31:05 -0700
From: "M. Monninger" <markem@primenet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [43170] Re: 10 meter rigs
Message-ID: <3.0.6.32.19990620103105.00878590@pop.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 12:31 PM 6/20/99 GMT, Keith wrote:

>The easiest way to QRP on 10 meters is obtain a ssb/am radio for CB
>and modify it. There is a radio by Midland model 79290 that covers CB or 10
>meters by pushing a couple of buttons on the front panel for \$144. ...

This is one route but 10M rigs like the RS HTX-100 and the Ranger 2xxx series can be had for \$125-\$200. The HTX-100 is USB/CW and has a 5W/25W setting. I believe the Rangers are similar but all-mode. For roughly the same price you get a more flexible and probably better-performing rig. Of course, I realize there is the challenge and satisfaction of doing the conversion, etc.

72/73... Mark AA7TA

Date: Sun, 20 Jun 1999 13:54:43 -0400
From: Michael <mike_mhe@compuserve.com>
To: "Lehigh, Messages" <qrp-1@Lehigh.EDU>
Subject: [43171] 6th ORIGINAL-QRP-CONTEST (invitation)
Message-ID: <199906201354_MC2-7A11-6FF7@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline
Content-Transfer-Encoding: quoted-printable

6th ORIGINAL-QRP-CONTEST (invitation)

From: DJ7ST @ DB0ABZ.#NDS.DEU.EU (Hartmut)

QRP-Contest-Community (qrpcc)
c/o Dr. Hartmut Weber, DJ7ST
Schlesierweg 13
D-38228 SALZGITTER
5341-50113

18-Jun-99

PR: DJ7ST@DB0ABZ
Phone: +49

The QRP-Contest-Community (qrpcc) cordially is inviting you to the

6th O R I G I N A L - Q R P - C O N T E S T at 3rd/4th of July

----- =

=

The contest idea is to promote creative or unconventional QRP-hamming like =

homebrewing or just doing it without the 'luxury' QRO equipment from time =

to time. =

This event more than other contests has a meeting character. The result =

lists show that many operators are taking part only on one band for just an hour or two and without the intention of high scoring or even winning. =

The results of the 5th ORIGINAL-QRP-CONTEST have been mailed by Packet Radio

recently in <contest> and <qrp>.

Nearby 300 submitted logs show the popularity of this event. =

- - - - - =

Participants: Operators of original QRP rig, commercial or homebrew, =

including industrial QRP rig exceeding 5w output like QRP Plus, FT-7 and QRP versions of QRO-transceivers like =

TS-130 V, FT-707S etc. =

Stations with QRO-equipment (>20W out) temporarily tuned down

to QRP will be listed as 'non Original' checklog.

=

Date: 03/04-Jul-99 (1st weekend in July)

Time: Saturday 1500 UTC till Sunday 1500 UTC,
rest period of 9 hours minimum in one or two parts.

Frequencies: CW segments of the 80-, 40-, and 20m band.

Call: CQ OQRP (=3DOriginal QRP)

Categories:	V L P (1W out or 2W in)	Q R P (5W out or 10W in)
	M P (20W out or 40W in)	(No QRO-category)

Operation: Single-op CW. =
Various TX/TRX may be operated, but only one at the same time.

Exchange: RST, serial-no./ category e.g. 559001/VLP. No series reports.

QSO-Points: The log checker counts 4 points for a qso with another =
contest station whose log has come in.
All other QSO count 1 point. =
Exchange of RST is sufficient with stations not in contest=

Multiplier: The log checker will count 2 multiplier points for each =
DXCC-country from a qso with a station whose log has come in.
Otherwise each DXCC-country counts 1 multiplier point.

Final score: Sum of QSO-points multiplied by the sum of multiplier-points.
(Calculated by the log checker. Don't try an own calculation:
you can't foresee who will send his log and who will not)=

So every log is welcome and important, even just 3 QSO on a picture postcard
-----=
--
-

Logs: List QSO sorted bandwise, please. Add the DXCC prefix if y= ou
claim a multiplier for a QSO.

Summary sheet: must show name, address, callsign and minimum rest periods=
.
Indicate the types of all TX/TRX used with out- or input o=
n =
each band according to manufacturer or measured under =
contest conditions. Homebrew rigs description should name =

pa-transistor/ tube and possibly a reference (e.g. SPRAT
No.)

Deadline: 31-Jul to: Dr. Hartmut Weber, DJ7ST (PR: DJ7ST@DB0ABZ)
Schlesierweg 13, D-38228 SALZGITTER, Germany =

- - - - -

P.S. If you don't know us yet:

The QRP-Contest-Community (qrpsc) is a supra-national network of qrp =
enthusiasts (at present 160 promoters from 12 nations) pursuing the =
organization and promotion of QRP Contests succesfully since 1992.
=

The qrpsc may be viewed as a support group taking care of the qrp'ers =
interests in a self-help manner.

Since 1996 the qrpsc carries out the ORIGINAL-QRP-Contest, designed for =
genuine QRP gear. =

The HOMEBREW & OLDTIME-EQUIPMENT-Party (HOT-PARTY) since 1997 also has =
been organized by qrpsc alone very successfully.

The promoters of qrpsc are private persons supporting the idea by persona=
l =

participation in organizing, log-checking, printing address labels etc. o=
r =

by contributing to postage costs. Because of its international design =
qrpsc does not seek any affiliation with national ham radio organizations=
=

but is open to any friendly cooperation.

Best 73/2, cuagn in 6th O-QRP-C ! =

"Hal", Hartmut, DJ7ST

Transferred from Packet Radio by DF20K

Date: Sun, 20 Jun 1999 16:05:49 -0400
From: "Ed Tanton" <n4xy@att.net>
To: "Antennas Reflector" <antennas@qth.net>
Cc: "QRP-L Reflector" <qrp-l@Lehigh.EDU>
Subject: [43172] HyGain DX-77
Message-ID: <032201bebb58\$4a5938f0\$01010101@n4xy>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello All... I am about to erect a brand new (it's been in storage for several years) HyGain DX-77 vertical. They describe it as an off-center-fed windom (vertical) antenna. What I would like to know is: has anyone else put one of these up, and if so, what comments you might have about it-especially things to look out for, weaknesses, etc.

Thanks.

72 / 73 Ed N4XY email: <n4xy@arrl.net>

Date: Sun, 20 Jun 1999 15:28:23 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-L@lehigh.edu
Subject: [43173] 30=>10 transverter
Message-ID: <199906202011.QAA13578@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Funny this should come up. I've been giving a lot of thought lately on to how to build a rig for 17-10M.

My current thinking is a dual conversion rig with a 10.7 Mhz 1st IF and a 4.9 Mhz 2nd IF is the way to go. One of those new one time programmable clock osc chips would provide the 1st LO (high side

injection) and the tunable 2nd LO would be low enough in freq that it could be diode tuned. Off the shelf 10.7 Mhz ceramic filters are wide enough to make a good 2nd IF filter. I see where you can get one that has a 330 Khz 3 dB BW.

However, a 30 M rig would make a good starting point for such a scheme. It's tuning range could be left as it is or easially moved to 10.7 Mhz. The 30M transmitter stages could be modified to work up to 10M by changing the low pass and maybe the transistor types, if they don't have enough gain at 30 Mhz.

All that's left is adding some new mixers and filters for the Rx down conversion and Tx up conversion. If you made the filters tunable and used four of the progamable clock oscillators, you could have 17, 15, 12 and 10 meters. Although, to have all four bands, you'd need at least two low pass filters on the Tx, one for 17 and 15 and one for 12 and 10.

A rig designed specifically to work on 17-10 would be slightly more efficcint in terms of parts and size, but a conversion board for a 30M rig wouldn't be all that bad. Pretty good idea, all in all. I think I'll move my SW40+ to 30M and use that as the core of the system for experiments. As Chuck would say, film at 11.

Speaking of 17M, I made a three wire vertical and hung it off the end of my G5RV support rope. That got the bottom a good 5 ft off the ground. Two wires are the radials, that go off at a 45 degree angle or so from the feed point. Coax dangles straight to the ground, then off to the shack. I coiled the coax a couple of times near the feed point to help keep some RF off the shield. Maybe it helps, maybe it don't.

Works pretty good. It's a reasonably "stealthy" antenna too, being right next to the tree that supports it. All we need is more activity on 17M, and not everyone looking for DX. Although, in a week of operating on 17, I've picked off a good portion of Europe, but only two states. Running about 3 watts. Boy, some of those stations like to send fast!

72,

Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Sun, 20 Jun 1999 14:00:25 -0700
From: "Bill Todd" <bill@willapabay.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Cc: <nwq-1@scn.org>
Subject: [43174] Field Day Listings (Last) Update
Message-ID: <002301bebb5f\$ec115a40\$94added1@bill>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello Group(s) -

I have updated the last page of the 1999 Field Day Listings on my web page. In all, there are three pages of listings, so if you are looking to join a group for Field Day, you have plenty to choose from.

Have a great time everyone, and good luck!

Bill-N7MFB

Note: To go to the web site, here is the address:
<http://www.willapabay.org/~bill>
ICQ @ 8926298

Date: Sun, 20 Jun 1999 16:58:03 -0400 (EDT)
From: James Skalski <jskalski@localnet.com>
To: Ed Tanton <n4xy@att.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [43175] Re: HyGain DX-77
Message-ID: <Pine.LNX.4.04.9906201656020.864-1000000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

If it is built like the DX-88; I would recommend using guys on the antenna. It seems to have a good wind load and will bend the mounting brackets. The DX-77 may be lighter wind load and may not be so affected.

73,

Jim n2go

Date: Sun, 20 Jun 1999 17:48:13 -0400
From: "Jim Stafford, W4Q0" <w4qo@amsat.org>
To: QRP-L <qrp-l@lehigh.edu>, "Mike Boatright, K04WX" <ko4wx@mindspring.com>, Dave Johnson WA4NID <wa4nid@amsat.org>
Subject: [43176] Online QRP Field Day registration/listings
Message-ID: <376D619B.DC734568@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Bill, N7MFB has a great site for FD operations at:
<http://www.willapabay.org/~bill/page4.html>

BUT you can also register online up until Noon, Saturday, June27 at:

<http://www.qrparci.org>

You may also view the entries by going to that site.

Sometime Saturday PM, I will "save" off the info on that page (between operating schedules) and start a new page called Field Day Scores and Soapbox. Soooo...

When you finish your FD operation, stop by and give us your Q's (and score if you know it) and any SOAPBOX - online.

--

Jim Stafford, W4Q0	770-993-9500	VP - QRPARCI #6515
11395 West Road	770-993-8932 fax	Mgr - W4WOW SciTrek
Roswell, GA 30075	w4qo@amsat.org	Dir- RadioActive Schools
DBA/Stafford Enterprises/By Jimeny SCF		
http://www.america.net/~w4qo		

Date: Sun, 20 Jun 1999 15:10:11 -0700 (PDT)
From: Ron Stark <ku7y@dri.edu>
To: Ed Tanton <n4xy@att.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [43177] Re: HyGain DX-77
Message-ID: <Pine.SOL.3.96.990620150659.10330C-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Ed,

I have a DX-77 that was given to me in exchange for some work. The big reason the other fellow didn't like it was that it would break just about in half any time the wind blew. This was in winds that were only around 30 mph.

I have it on a 30' tower and have guy ropes on it at about the middle point.

I'd say that it works about the same as any of the multi band verticals.

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Sun, 20 Jun 1999 17:20:02 -0500
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: <n2tpa@juno.com>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [43178] RE: Happy Father's Day
Message-ID: <000301bebb6b\$0b1171e0\$d43bc6d8@wb5rue>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

For me Father's Day is a no-ham day. I spend it with my children. For me it's really THEIR day.

73/

Kevin, WB5RUE

-----Original Message-----
From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Bill B Lazure
Sent: Sunday, June 20, 1999 12:09 AM
To: Low Power Amateur Radio Discussion
Subject: Happy Father's Day

To those of the group for who this applies,

Have a safe and enjoyable Father's Day.

Take it easy, get on the air!

73,

Bill
W2EB

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sun, 20 Jun 1999 17:32:12 -0500
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: <n6jpa@qsl.net>, "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [43179] RE: (fwd) Heathkit qrp HW-7 Microphonic problem
Message-ID: <000601bebb6c\$be795f80\$d43bc6d8@wb5rue>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Heath had a notorious problem with grounds. The cases are aluminum and most of the circuit board grounds are made directly from the copper traces to the aluminum case. Try removing the circuit board, cleaning the screwdown contacts on the board and the cases and re-mount the board. I've had several Heathkit rigs that have had the same problem.

Kevin, WB5RUE

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of n6jpa@qsl.net
Sent: Saturday, June 19, 1999 4:48 PM
To: Low Power Amateur Radio Discussion
Subject: (fwd) Heathkit qrp HW-7 Microphonic problem

On Sat, 19 Jun 1999 16:56:33 -0400, in rec.radio.amateur.misc "Joseph

Schulte"

<schulte@bright.net> wrote:

I am borrowing a hw-7 to take to Philmont Boy Scout camp this summer. A problem that was noted for this model rig was a microphonic problem with this particular model. Heathkit came up with a cure for it. If Anyone has knowledge of the cure or that information would you please email it my friend, Ken, K8RWK.

His email address is:

k8rwk@bright.net

Thank you, Joe WA8UET

End of QRP-L Digest 1494

